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**Re:** U.S. Patent Application Serial No. 10/623,426

**Message:**

Please see Telephone Interview Summary, herewith.

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PAGE 1/11 \* RCVD AT 11/8/2005 4:06:17 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-6/29 \* DNIS:2738300 \* CSID: \* DURATION (mm-ss):03-14

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Docket No.: 064693-0074

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 33401
MARMARELIS, VASILIS Z., et al.	:	Confirmation Number: 4072
Serial No.: 10/623,426	:	Group Art Unit: 3737
Filed: July 18, 2003	:	Examiner: IMAM, Ali M.
For: OPTIMIZATION OF THE EXCITATION WAVEFORM FOR TRANSMIT-RECEIVE SYSTEMS	:	

**CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that on November 8, 2005, which is the date I am signing this certificate, I am transmitting this document via facsimile to the Central fax number (571) 273-8300, to Examiner Imam at facsimile number (571) 273-4737 and to Technology Center 3737 at facsimile number (571) 273-8300 a copy of the transmission record kept for confirmation purposes. At Los Angeles, California.

  
Jessica Brown**SUMMARY OF TELEPHONE INTERVIEW HELD NOVEMBER 3, 2005  
PURSUANT TO 37 C.F.R. 1.133**

By Facsimile: (571) 273-4737 (Examiner Imam)  
(571) 273-8300 (Technology Center 3730)  
(571) 273-8300 (Central Fax Number)

Sir:

This is a summary of the telephonic interview held between applicant's attorney, Marc E. Brown, and Examiner Ali M. Imam, Art Unit 3737, on November 3, 2005.

Applicant thanks Examiner Imam for the courtesies he extended to applicant's attorney during this interview.

The Amendment that was mailed on September 27, 2005 was discussed (copy attached). Applicant advised that the Amendment should have amended Claim 29 as follows, but inadvertently failed to do so:

29. (Currently Amended) A nonlinear transmission and reception system comprising:

an ultrasonic transmitter that converts an excitation signal into a transmitted signal;

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an ultrasonic receiver positioned to receive the transmitted signal and that generates a received signal that is a nonlinear function of the excitation signal; and

an excitation signal generator in communication with the ultrasonic transmitter that generates an excitation signal that substantially maximizes the signal generated by the ultrasonic receiver based on a specified constraint on the excitation signal.

Examiner Imam agreed to enter these amendments to Claim 29 and an Examiner's amendment.

Examiner Imam noted that the application serial number (10/022,562) in the header on pages 2 *et seq.* of the September 23, 2005 Amendment was incorrect. Applicant agreed that the Examiner could delete this header or modify it to read 10/623,426.

The Examiner indicated that he would conduct a supplemental search and would allow the application if nothing problematic is found.

Respectfully submitted,

Date: November 8, 2005

MCDERMOTT WILL & EMERY LLP

  
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